

## APPENDIX A

jc523 U.S. PTO  
09/159404  
09/24/98

### Retrieve Report Template List

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GRTL	Request	Char (4)	Yes	
PRODUCT=	Product ID	Char (1)	Yes	V, C, S, T, H
DATATYPE=	Data Type	Char (1)	Yes	R = Reports, D = Call Detail A = All data types
DATA CAT=	Data Category	Char (1)	Yes	P = Priced, U = Unpriced
IO=	Inbound/Outbound	Char (1)	Yes	I = Inbound, O = Outbound B = Both

### Send Report Template List

Message	Parameter Name	Parameter Type	Required	Acceptable Value
SRTL	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
REPORTS=	Data	Char	No	See below formatting

### Get Report Template Detail

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GRTD	Request	Char (4)	Yes	
REPORTID=	Standard Report ID	Char (10)	Yes	Report ID (i.e., 2, 44)

### Send Report Template Detail

Message	Parameter Name	Parameter Type	Required	Acceptable Value
SRTD	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
ID=	Template ID	Char (10)	Yes	
NODE=	Data	Char		see above formatting

**Get User Report List**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GURL	Request	Char (4)	Yes	
USERID=	User ID	Char (20)	Yes	UserID
RPTTMPID=	Report Template ID	Char (10)	Yes	Template ID
ENTPID=	Enterprise ID	Char (8)	Yes	Enterprise ID
PRODUCT=	Product ID	Char (1)	Yes	V,C,S,T,H
DATA CAT	Data Category	Char (1)	Yes	P = Priced U = Unpriced

**Send User Report List**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
SURL	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
REPORTS=	Data	Char	No	See above formatting

**Get User Report Detail**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GURD	Request	Char (4)	Yes	
REPORTID=	User Report ID	Char (10)	Yes	Report ID (i.e., 245). Limit on unique user report Ids is 2147483647

**Send User Report Detail**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
SURD	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
ID=	Template ID	Char(10)	Yes	
NODE=	Data	Char		see above formatting

**Add Report Definition**

Message	Parameter Name	Param Type	Required	Acceptable Value
ARD	Request	Char (3)	Yes	
USERID=	User's ID	Char (20)	Yes	UserID
ENTPID=	Enterprise ID	Char (8)	Yes	Enterprise ID – require 8 characters
STDRPTID=	Standard Report ID	Char (10)	Yes	Standard Report ID (i.e., 2, 44).
NAME=	User's report name	Char(100)	Yes	User's designated name for this report (e.g., My Longest Calls)
PRODUCT=	Product	Char (1)	Yes	Vnet = V, CVNS = C, Vision = S, Toll Free = T, Broadband = H
CATEGORY=	Report category Description	Char	Yes	Examples are: Analyze Traffic, Standard Report, Telecommunication s

# **Add Report Definition**

Message	Parameter Name	Param Type	Required	Acceptable Value
THRESHOLD= =	Record limits	Delimiter	No	holds RECCOUNT, RANKING, DURATION, ANI
RECCOUNT= =	Record count	Char (4)	Yes	Maximum amount of records to be returned in the report results. If no threshold is received, the threshold for the standard report will be used.
RANKING= =	TVS Ranking	Char (3)	No	# of call ranks to show. If ranking is not passed, the default value will be used.
DURATION= =	TVS Duration	Char (4)	No	# for call duration threshold. If duration is not passed, the default value will be used.
ANI= =	TVS ANI	Char (3)	No	# of Items in Most Frequent report. If ANI is not passed, the default value will be used.
SCHEDULE= =	Report schedule	Char ()	No	If scheduling information is not received, the Report Manager will only store the report. It will not send a request to the fulfilling server. No overlapping dates will be sent in the start/end pairs.  A = Adhoc, H = Hourly, D = Daily, W= Weekly, M = Monthly

# Add Report Definition

Message	Parameter Name	Param Type	Required	Acceptable Value
START=	Start report schedule	Char (12)	No	YYYYMMDDhhmm This parameter is only used if the report is Adhoc. There can be multiple start and end dates.
END=	End report schedule	Char (12)	No	YYYYMMDDhhmm This parameter is only used if the report is Adhoc. There can be multiple start and end dates.
RANGETYPE =	Range type picked by the user	Char(1)	Yes if Adhoc	1 = range 0 = discreet
SCHEDTYPE =	Schedule Type picked by the user	Char(1)	Yes	A = Adhoc only R = Recurring only
TIMEZONE=	User's time zone	Char (3)	Yes	User's time zone value as received from StarOE
NDIALED=	Filter	Char	Yes for TVS, No for all others	Number range delimited by ~
BILLING=	Hierarchy	Char	Yes for ODS, and TVS outbound. No for all others	Single or multiple values from billing hierarchy. Must at least include the Corp ID
CARDNO	Card number	Char	No	Single or multiple values
IDAC=	ID/Account Codes	Char	No	Single or multiple values
GEO=	Geographical	Char	No	Single or multiple values from geographical hierarchy.
IACCESS=	Inbound Access	Char	No	Single or multiple values of inbound access codes(Example: 7)

# **Add Report Definition**

Message	Parameter Name	Param Type	Required	Acceptable Value
OACCESS=	Outbound Access	Char	No	Single or multiple values of outbound access codes (Example: 4)
IDISTRANGE =	Inbound Distance Range	Char	No	Single or multiple values of inbound distance ranges codes(Example: 2)
IUSAGE=	Inbound Usage	Char	No	Single or multiple values of inbound usage (Exame: 5)
ODISTRANG E=	Outbound Distance Range	Char	No	Single or multiple values of outbound distance ranges ( Example: A)
OUSAGE=	Outbound Usage	Char	No	Single or multiple values of outbound usage ( Example:2) I
SORTBY=	Sort Order	Char	No	If sort order is not received, sort order for standard report will be used. If sort order is passed, it must be a column ID and descending or ascending order (i.e., 1A).
DESCRIPTIO N=	Description	Char	No	user's report description. If no description is received, the description for the standard report will be used.
COLUMNS=	Columns	Char	No	These are the columns the user wants in their report. Field Ids are to be passed here (i.e., 5~17~23~44). Use default if not passed.
ACTIVE=	Indicates whether or not the report is scheduled	Char (1)	No	Save only = 0, Schedule = 1, 0 is the default.

### Add Report Definition

Message	Parameter Name	Param Type	Required	Acceptable Value
DURRANGE= =	Duration Range	Char	No	Single or multiple values from the duration pick list
TOTALMODE= =	Totals or subtotals required based on user selection	Char (1)	No	0 = None (default), 1 = Subtotal, 2 = Total, 3 = Both.
SUBTOTCOL= =	Indicates which columns the user wants subtotals on	Char (20)	Yes if TOTALMODE is 1 or 3.	Columns to be subtotaled
MMADDR= =	Email address	Char(75)	No	Text
MMTEXT= =	Message	Char(500)	No	Text
PGT= =	Pager System	Char(15)	No	Pager System
PGPin= =	Pager Pin	Char(8)	No	Pin Number
PGTtxt= =	Message	Char(240)	No	Text
EMAIL= =	Indicates if user picked email.	Char(1)	Yes	0 = no, 1 = yes
PAGE= =	Indicates if User picked page	Char(1)	Yes	0 = no, 1 = yes
LANG= =	Indicates the language a user picked.	Char(4)	No	Default will be American English, the values are not defined.
CURR= =	Indicates the language a user picked	Char(4)	No	Default will be American Dollar, the values are not defined.

### Add Report Definition Acknowledgment

Message	Parameter Name	Param Type	Required	Acceptable Value
ARDA	Response	Char (4)	Yes	
ERROR= =	Error Code	Char (4)	Yes	0 or error
USERRPTID= =	User ReportID	Char (10)	No	User Report ID (i.e., 245). Limit on unique user report ids is 2147483647.

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**Delete Report Definition**

Message	Parameter Name	Param Type	Required	Acceptable Value
DRD	Request	Char (3)	Yes	
USERID=	User's ID	Char (20)	Yes	UserID
USERRPTID =	User Report ID	Char (10)	Yes	User Report ID (i.e., 245). Limit on unique user report ids is 2147483647

**Delete Report Definition Acknowledgment**

Message	Parameter Name	Param Type	Required	Acceptable Value
DRDA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
USERRPTID =	User Report ID	Char (10)	No	User Report ID (i.e., 245). Limit on unique user report ids is 2147483647

**Copy Report Definition**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
CRD	Request	Char (3)	Yes	
USERRPTID =	User Report ID	Char (10)	No	User Report ID (i.e., 245). Limit on unique user report ids is 2147483647
NAME=	User report name	Char (50)	Yes	User report name

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### Copy Report Definition Acknowledgment

Message	Parameter Name	Parameter Type	Required	Acceptable Value
CRDA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
USERRPTID =	User Report ID	Char (10)	No	User Report ID (i.e., 245). Limit on unique user report Ids is 2147483647

### Update Report Status

Message	Parameter Name	Param Type	Required	Acceptable Value
URS	Request	Char (3)	Yes	
USERRPTID =	User Report ID	Char (10)	No	User Report ID (i.e., 245). Limit on unique user report Ids is 2147483647
ACTIVE	User Active	Char(1)	Yes	0 - for saved/not scheduled 1 - for scheduled

### Update Report Scheduling Acknowledgment

Message	Parameter Name	Parameter Type	Required	Acceptable Value
URSA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
USERRPTID =	User Report ID	Char (10)	No	User Report ID (i.e., 245). Limit on unique user report Ids is 2147483647

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#### Get Pick List – Access

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Request	Char (3)	Yes	
PL_ACCESS=	Pick List Type	Character	Yes	PL_ACCESS
IO=	Inbound/Outbound	Char (1)	Yes	I=Inbound, O=Outbound,
PRODUCT=	Product	Char (1)	Yes	T=Toll Free, V = Vnet, S = Vision, C = CVNS, H = Broadband
DATA CAT=	Data Category	Char (1)	Yes	U = Unpriced, P = Priced, B = Both

#### Get Pick List Acknowledgement – Access

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_ACCESS=	Pick List Type	Character	Yes	Access code, Description

#### Get Pick List – Fields

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	
PL_FIELDS	Pick List Type	Character	Yes	PL_FIELDS
RPTTMPID=	Report Template ID	Char (10)	Yes	

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#### Get Pick List Acknowledgement – Fields

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_FIELDS=	Pick List Type	Character	Yes	FieldID, FieldHeader, FieldColumnHi de, FieldSort

#### Get Pick List – Duration

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	Single or Multiple Values
PL_DURATION	Pick List Type	Character	Yes	PL_DURATION

#### Get Pick List Acknowledgement – Duration

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	Single or
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_DURATION= example	Pick List Type	Character	Yes	Duration

#### Get Pick List – Time Zone

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	
PL_TIMEZONE	Pick List Type	Character	Yes	PL_TIMEZONE

#### Get Pick List Acknowledgement – Time Zone

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_TIMEZONE=	Pick List Type	Character	Yes	TimeZoneCode , Description

#### Get Pick List – Billing Hierarchy

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	
PL_HIER	Pick List Type	Character	Yes	PL_HIER
USERRPTID=	User Report ID	Char (10)	Yes	User report ID

#### Get Pick List Acknowledgement – Billing Hierarchy

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_HIER-	Pick List Type	Character	Yes	hierarchy data

#### Get Pick List – Geographical Hierarchy

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	
PL_GEO	Pick List Type	Character	Yes	PL_GEO
USERRPTID=	User Report ID	Char (10)	Yes	User report ID

#### Get Pick List Acknowledgement – Geographical Hierarchy

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_GEO	Pick List Type	Character	Yes	geo data

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### Get Pick List – Static Range

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_RANGE	Pick List Type	Character	Yes	PL_RANGE
IO=	Inbound/Outbound	Char (1)	Yes	I=Inbound, O=Outbound,
PRODUCT=	Product	Char (1)	Yes	T=Toll Free, V = Vnet, S = Vision, C = CVNS, H = Broadband
DATACAT=	Data Category	Char (1)	Yes	U = Unpriced, P = Priced, B = Both

### Get Pick List Acknowledgment – Static Range

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_RANGE=	Pick List Type	Character	Yes	range code, description

### Get Pick List – Static Usage

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (3)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_USAGE	Pick List Type	Character	Yes	PL_USAGE
IO=	Inbound/Outbound	Char (1)	Yes	I=Inbound, O=Outbound,
PRODUCT=	Product	Char (1)	Yes	T=Toll Free, V = Vnet, S = Vision, C = CVNS, H = Broadband
DATACAT=	Data Category	Char (1)	Yes	U = Unpriced, P = Priced, B = Both

**Get Pick List Acknowledgment – Static Usage**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_USAGE=	Pick List Type	Character	Yes	usage code, description

**Get Pick List – Language**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_LANG=	Pick List Type	Character	Yes	Language code

**Get Pick List Acknowledgment -Language**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_LANG=	Pick List Type	Character	Yes	Row information to follow

**Get Pick List – Currency**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPL	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_CURR=	Pick List Type	Character	Yes	Currency code

**Get Pick List Acknowledgment -Currency**

Message	Parameter Name	Parameter Type	Required	Acceptable Value
GPLA	Response	Char (4)	Yes	
ERROR=	Error Code	Char (4)	Yes	0 or error
PL_CURR=	Pick List Type	Character	Yes	Row information to follow